

Refinery Records Request List

1. Full applications for Permits By Rule, Standard Permits, New Source Review Permits, and Title V permit, including attachments, calculations, and revisions.
2. Current site plot plan showing all property boundaries and major equipment/process areas
3. Current process flow diagrams for all process areas
4. Most recent incoming crude oil analyses with full speciation of constituents (past 6 months)
5. Product crude oil, gas oil, residual oil, naphtha, diesel, and kerosene/jet fuel analysis with full speciation, and Reid vapor pressure (past 6 months)
6. Manufacturer/supplier operating instructions and process instrumentation drawings for flare systems, including blower motors and fans, controllers, and pilot flame systems; furnish Model #s and Manufacturer names
7. Most recent emission inventory of actual emissions (monthly, annual or other time basis) *N/A*
8. MSDS sheets for all product. *CRUDE*
9. LDAR/fugitive monitoring and repair records for past 6 months
10. MSDS or analysis of natural gas and combined refinery fuel gas used in boilers and process heaters showing H₂S content
11. Monthly throughput records for loading rack and storage tanks for past 6 months by products loaded
12. Records of tank landings (by tank) for past 6 months
13. Completed flare monitoring log sheets for past 6 months
14. Performance test reports for each flare, per NSPS 60.8(a)
15. Flow monitor and VOC composition analyzer output data for previous year, in a spreadsheet or other electronic format, with units and data fields identified, for both flares - flare gas net heating value, flow rate, exit velocity, and VOC speciation data
16. Most recent flare monitor calibration records for each flare.
17. Hourly mass emission rates calculated using records for item 15.
18. Records of flare monitor and analyzer downtime for the past year, both flares.
19. Schematic drawings and information on floating roof design and materials of construction for the storage tanks with internal or external floating roofs.
20. Records of seal inspection, seal gap measurements (incl raw field data), and corrective action for each floating roof tank for past year
21. VOC emission calculations for each storage tank per Special Condition 12.F. of Permit 81194, for previous year
22. Records of waste volumes and waste analyses for all waste streams containing benzene, and calculations of waste stream benzene content and site wide benzene waste amounts for past three years.
23. Records of DAF carbon absorption system monitoring and instrument/FID calibrations for past 6 months, per Special Condition 14.D. and 14.B. of Permit 81194
24. Stack testing or performance testing reports for the charge heater, reboiler heater, or package boiler
25. Process instrumentation drawings showing the flow paths for all refinery fuel gas vent streams that are combusted in the flares, heaters, or boiler.
26. Refinery fuel gas sampling and monitoring data showing the H₂S content of each vent stream.
27. Continuous monitoring system (CMS) output data for SO₂ and oxygen monitors (or H₂S monitors) installed at combustion devices which burn refinery fuel gas (past 6 months)
28. Performance evaluations and relative accuracy audits conducted on the CMS identified in item 27 during past 6 months
29. H₂S monitoring data and other information to demonstrate that a refinery fuel gas stream is inherently low in sulfur according to NSPS 60.105(a)(4)(iv)(A), (B) or (C), or exemption approval from EPA under 60.105(b)(1), such that the refinery fuel gas stream is exempt from requirements to install CMS at combustion devices burning the fuel gas.
30. Records of monitoring, inspection, repair and other corrective action for individual drain systems, junction

boxes, sewer lines, oil-water separators, and closed vent drain systems required by NSPS QQQ 60.697(b)-(e) for the past two years.

31. Records of design specification and schematic for the wastewater system, control device efficiency, and other documentation, as required by NSPS QQQ 60.697(f), (g), (h), (I), (j), and (k) for car sealed drains, excluded storm sewers, excluded ancillary equipment, non contact cooling water, and oil-water separator inspections

32. Copy of initial start up notification and certification to EPA and TCEQ under NSPS QQQ 60.698, and copies of semiannual certifications and reports submitted thereafter.

33. Stack testing or other continuous monitoring records for past year showing NO_x and CO hourly average emission rates (lb/MMBtu and ppmvd, respectively) for the process heaters *N/A*

34. Records showing that loaded trucks comply with tightness testing requirements of NSPS XX for the past year.

35. Annual refinery production and throughput records by product/chemical for past 3 years.

36. Annual usage quantity for each chemical that is greater than 10,000 lbs per year, past 3 years of data.

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